

Form PTO-449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MI22-2379SERIAL NO.
10/632,273LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Warren M. FarnworthFILING DATE
July 31, 2003GROUP
2829

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
RK	AA	5,172,050	12/92	Marvin Swapp	324	999.999	—
RK	AB	6,686,758	02/04	Farnworth, et al.	324	765	—
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		

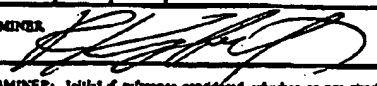
EXAMINER

DATE CONSIDERED

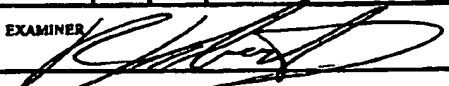
12-15-05

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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M23-077		SERIAL NO. 12632375	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Walter M. Farnsworth et al.			
				FILING DATE July 31, 2000		GROUP 2829	
U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Subject	Filing Date If Appropriate	
PK	AA 448882 5580821	12/01/95	Alumina	316	2	---	
	AB						
	AC						
	AD						
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	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Inventor	Translation	
						Yes	No
	AM						
	AN						
	AO						
	AP						
	AQ						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER: 				DATE CONSIDERED 8-24-04			
*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with new communication to applicant.							

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Form PTO-146		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. M122-2379		SERIAL NO. 146322B Filed Herewith	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Warren M. Parworth et al.		FILING DATE Filed Herewith 7/31/2003	
					GROUP N/A 2829			
U.S. PATENT DOCUMENTS								
*Examiner (Initial)	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
RR	AA	3,412,456	11/68	Ehizawa				
RR	AB	3,469,019	9/69	Reinmann				
RR	AC	4,105,970	8/78	Katz				
RR	AD	4,141,055	2/79	Berry et al.				
RR	AE	4,182,781	1/80	Hooper et al.				
RR	AF	4,189,823	2/80	Robillard et al.				
RR	AG	4,312,117	1/82	Robillard et al.				
RR	AH	4,315,984	2/82	Okazaki et al.				
RR	AJ	4,417,206	11/83	Stowers				
RR	AJ	4,499,636	2/83	Fabian et al.				
RR	AK	4,585,991	4/86	Reid et al.				
RR	AL	4,881,118	11/89	Niwayama et al.				
FOREIGN PATENT DOCUMENTS								
	Document Number	Date	Country	Class	Subclass	Translation		
						Yes	No	
RR	AM	53171	03/91	Japan				
RR	AN	108350	05/91	Japan				
RR	AO	329314	08/89	European (EPO)				
RR	AP	57143838	09/82	Japan				
RR	AQ	2-5340	01/90	Japan				
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
RR	AR	Moto's Nakano "A Probe for Testing Semiconductor Integrated Circuits and a Test Method Using Said Probe." 25 March, 1991						
		Japanese Patent Office Disclosure No. Hei 3-69131, Filing No. Hei 1-205301, Filing Date August 8, 1989						
	AS							
	AT							
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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M122-2379	SERIAL NO. <u>10632273</u> Filed Herewith			
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Warren M. Farworth et al.				
				FILING DATE <u>7/31/2003</u> Filed Herewith	GROUP <u>2829</u> N/A			
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
<i>RL</i>	AU	4,924,589	5/90	Leedy	7	3	7	
<i>RL</i>	AV	4,929,999	5/90	Hoebrechts et al.	7	3	7	
<i>RL</i>	AW	4,937,653	6/90	Blonder et al.	7	3	7	
<i>RL</i>	AX	4,952,272	8/90	Okino et al.	7	3	7	
<i>RL</i>	AY	4,963,225	10/90	Lehman-Lemar	7	3	7	
<i>RL</i>	AZ	5,420,520	3/95	Amichai et al.	7	3	7	
<i>RL</i>	BA	5,014,161	3/91	Lee et al.	7	3	7	
<i>RL</i>	BB	5,032,541	7/91	Sakamoto et al.	7	3	7	
<i>RL</i>	BC	5,045,780	9/91	Swart	7	3	7	
<i>RL</i>	BD	5,072,116	12/91	Kawada et al.	7	3	7	
<i>RL</i>	BE	5,103,557	4/92	Leedy	7	3	7	
<i>RL</i>	BF	5,137,461	8/92	Bindra et al.	7	3	7	
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>RL</i>	BO	2232946	09/90	Japan				
<i>RL</i>	BH	410446	01/92	Japan				
	BI							
	BJ							
	BK							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	BL							
	BM							
	BN							
EXAMINER <i>R. J. [Signature]</i>				DATE CONSIDERED <u>8-24-04</u>				
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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M122-2379	SERIAL NO. <u>01632273</u> <u>Filed Herein</u>			
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Warren M. Farnworth et al.				
				FILING DATE <u>7/31/2003</u> <u>Filed Herein</u>	GROUP <u>2829</u>			
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
<i>RL</i>	BO	5,177,438	1/93	Littlebury et al.	7	7		
<i>RL</i>	BP	5,177,439	1/93	Ujo et al.				
<i>RL</i>	BQ	5,196,251	3/93	Bakhuu et al.				
<i>RL</i>	BR	5,206,585	4/93	Chang et al.				
<i>RL</i>	BS	5,235,140	8/93	Reele et al.				
<i>RL</i>	BT	5,239,260	8/93	Widder et al.				
<i>RL</i>	BU	5,245,135	9/93	Schreiber et al.				
<i>RL</i>	BV	5,262,718	11/93	Svensson et al.				
<i>RL</i>	BW	5,307,361	3/94	Felgenbaum et al.				
<i>RL</i>	BX	5,323,035	6/97	Leedy				
<i>RL</i>	BY	5,326,428	7/94	Farnworth et al.				
<i>RL</i>	BZ	5,334,804	8/94	Love et al.				
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	CA							
	CB							
	CC							
	CD							
	CE							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
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	CH							
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <u>8-24-04</u>				
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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. M122-2379		SERIAL NO. <u>10/632273</u> <small>Filed - Harwich</small>	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Warren M. Farnworth et al.			
					FILING DATE Filed - Harwich <u>7/31/2003</u>		GROUP N/A <u>2829</u>	
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
<i>RK</i>	CI	5,353,193	10/94	Fillon et al.	7			
<i>RK</i>	CI	5,367,253	11/94	Wood et al.				
<i>RK</i>	CK	5,402,077	03/93	Agabdel et al.				
<i>RK</i>	CL	5,419,607	05/93	Akram et al.				
<i>RK</i>	CM	5,431,328	07/93	Chang et al.				
<i>RK</i>	CM	5,478,779	12/93	Akram				
<i>RK</i>	CO	5,468,917	11/93	Brodsky et al.				
<i>RK</i>	CP	5,471,151	11/93	DiFrancesco				
<i>RK</i>	CQ	5,477,087	12/93	Kwakita et al.				
<i>RK</i>	CR	5,523,697	06/96	Farnworth et al.				
<i>RK</i>	CS	5,541,525	07/96	Wood et al.				
<i>RK</i>	CT	5,559,444	09/93	Farnworth et al.				
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	CU							
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	CW							
	CK							
	CY							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	CZ							
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	DB							
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LIST OF ART CITED BY APPLICANT <small>(Use several sheets if necessary)</small>					APPLICANT Warren M. Farnworth et al.			
					FILING DATE <u>7/31/2003</u> <small>Filed: Mawmuth</small>		GROUP N/A <u>2829</u>	
U.S. PATENT DOCUMENTS								
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
<i>RL</i>	DC	5,625,297	04/97	Amsador et al.				
<i>RL</i>	DD	5,716,218	02/98	Farnworth et al.				
<i>RL</i>	DE	5,790,337	08/98	Schreiber et al.				
<i>RL</i>	DF	5,631,832	11/98	Gillette et al.				
<i>RL</i>	DO	5,849,633	12/98	Akram				
<i>RL</i>	DH	5,869,787	02/99	Akram				
<i>RL</i>	DI	6,002,266	12/99	Briggs et al.				
<i>RL</i>	DJ	6,093,643	07/00	Akram				
<i>RL</i>	DK	4,586,184	01/85	Higgins et al.				
<i>RL</i>	DL	5,838,160	11/17/1998	Dezman et al.				
<i>RL</i>	DM	4,571,540	2/18/1986	Stowers et al.				
<i>RL</i>	DN	4,116,523	09/26/78	Coberty et al.				
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
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	DO							
	DP							
	DQ							
	DR							
	DS							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	DT							
	DU							
	DV							
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <u>8-24-04</u>				
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